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(71) Applicant (for all designated States except US): **THOMSON LICENSING S.A.** [FR/FR]; 46, Quai A. Le Gallo, F-92100 Boulogne-Billancourt (FR).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **YIN, Peng** [CN/US];

65 Warwick Road, West Windsor, NJ 08550 (US).
BOYCE, Jill, MacDonald [US/US]; 3 Brandywine Ct.,
Manalapan, NJ 07726 (US).

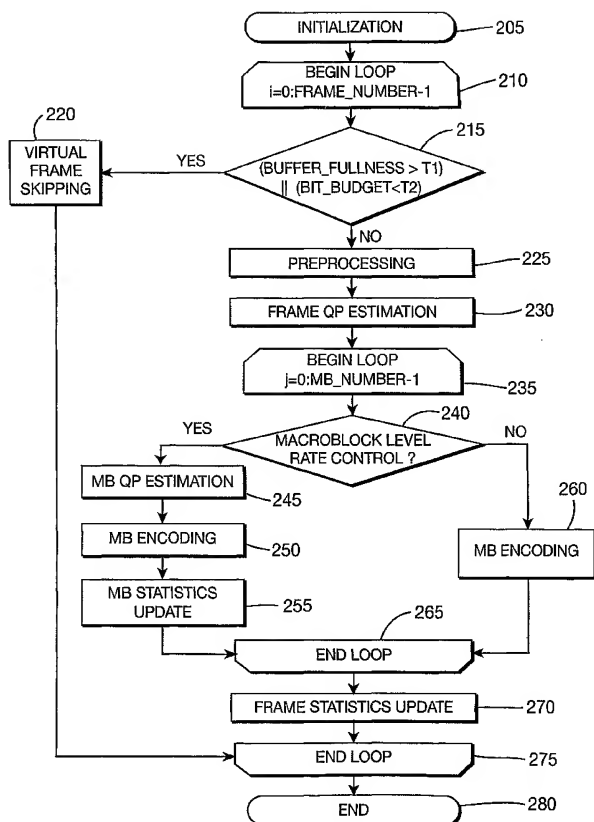
(74) Agent: **TRIPOLI, Joseph, S.**; c/o Thomson Licensing
Inc., 2 Independence Way, Suite 2, Princeton, NJ 08540
(US).

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(54) Title: ENCODER WITH ADAPTIVE RATE CONTROL FOR H.264



(57) Abstract: A video encoder (100) is disclosed, the encoder for encoding image frames that are divisible into macroblocks. The video encoder (100) includes means (130) for generating a QP estimate for the macroblocks of an image frame. The video encoder further includes means (130) for selection of a frame level quantization parameter (QP) for the image frame, using one of mean, median, and mode of QP estimates for the macroblocks. A method for encoding video is disclosed for encoding image frames that are divisible into macroblocks. The method generates (225) a quantization parameter (QP) estimate for the macroblocks of an image frame and selects (230) a frame level QP for the image frame, using one of mean, median, and mode of QP estimates for the macroblocks.



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